

Events' Schedule for Science & Technology

• **Tuesday, February 3, 2009**

15:00 Off-line session “U.S. – Cyprus Collaboration on Nanotechnology”

Venue: University of Cyprus campus (Ceremony Room, Central/Old Campus)

- 15:00-15:05 Address by Mr. James Carouso, Econ/Commercial Section Chief, U.S. Embassy
15:05-15:10 Address by Prof. Stavros Zenios, Rector, University of Cyprus
15:10-15:15 Ms. Anita Eisenstadt, Senior Foreign Affairs Officer, OSTC, Department of State
15:15-15:30 Mr. W. Edward Johansen, California Research & Education Network, CENIC
Topic: How Nanotechnology Research and Education Networks Promote Communications and Collaboration among Scientists and Engineers of Cyprus and the United States
15:30-15:45 Dr. Geoffrey Prentice, Program Manager, OISE, National Science Foundation
Topic: Nanoscale Science and Engineering at NSF: Opportunities for Collaborative Work
15:45-16:00 Dr. Leda Skoufari, Nanotech Scientific Officer, Research Promotion Foundation
Topic: Funding opportunities for Nanotechnology Research in Cyprus
16:00-16:15 Mr. Richard A. Johnson, Senior Counsel, Arnold & Porter
Topic: Creating the Policy Framework to Realize the Promise of Nanotechnology
16:15-16:30 Prof. Claus Rebholz, Mechanical & Manufacturing Eng, University of Cyprus
Topic: Nano-Heaters: Collaborative Research between Cyprus and US Universities
16:30-16:45 Dr. Kos Galatsis, Exec Director, Nanoelectronics WIN & FENA Centers, UCLA
Topic: Nanoelectronic Research and Development in the USA
16:45-17:00 Prof. Stelios Choulis, Dept. of Mechanical & Matls. Sci. & Eng, Cyprus Univ. of Technology)
Topic: Molecular Opto-Electronics: Recent Progress and Stimulating Future Challenges
17:00-17:15 Dr. Alex Shailos (Technical Director, Center for Quantum Research, CNSI, UCLA)
Topic: Experimental Transport Phenomena of Mesoscopic Systems
17:15-17:30 Prof. Haris Doumanidis (I-Dir. Hephaistos Nanotechnology Research Center, UCY)
Topic: Nanotechnology Research in Cyprus
17:30-18:00 Coffee break (foyer of Ceremony Room)

18:00 Videoconference Nanotechnology Session

Venue: Videoconferencing Room EB107 – University of Cyprus campus

- 18:00-18:05 Moderator: Dr. Alexander Shailos, Technical Director, Quantum Devices Research Facilities, California NanoSystems Institute, UCLA
18:05-18:20 Dr. Robert Rudnitsky, U.S. State Department
Topic: TBA
18:20-18:35 Prof. Nicolas G. Hadjiconstantinou, Department of Mechanical Engineering, MIT

- 18:35-18:50 Topic: Modeling and Simulation of Nanoscale Transport
Prof. Thomas Webster, Div. of Engineering & Orthopedics, Brown University
- 18:50-19:05 Topic: Nanotechnology for Treating Damaged Tissues: Hype or Reality?
Prof. Matthew J. Gilbert, Dept. ECE, University of Illinois Urbana-Champaign
- 19:05-19:20 Topic: Multilayer Graphene Heterojunctions for Post-CMOS Logic
Prof. Marios Demetriou, Senior Research Fellow, Math Science Department, Caltech
- 19:20-19:35 Topic: Metals with amorphous atomic structures and unique micro- and nano-forming capabilities
Dr. Ajey Jacob, Research Scientist, Intel Corp.
Topic: TBA
- 19:35-20:00 Conclusions – Roundtable panel discussion

• **Wednesday, February 4, 2009**

- 11:00 **Water Supply, Purification, and Production** presentations at Evagoras Lanitis Center in Limassol
Venue: Berengaria Hall

Presenters:

- Moderator Dr. Bill O'Hirok, Senior Research Scientist, EWRC, Cyprus Institute
- Geoffrey Prentice, Program Manager, Office of International Science & Engineering, National Science Foundation
Title: New Approaches to Water Purification
- Prof. Manfred Lange, Director, Energy, Environment and Water Research Center, the Cyprus Institute
Title: Climate Change and Water Availability in the Eastern Mediterranean and in Cyprus
- Dr. Giorgos Tzamtzis, The Cyprus Institute
Title: Co-generation of Electrical Power and Desalinated Water through Concentrating Solar Power in Cyprus

- 15:30 **Underwater Archaeology and Technology**
Venue: Old Electric Powerhouse in Paphos.

Presenters:

- Moderator: Dr. Kirsi Lorentz, STARC, The Cyprus Institute
- Paphos Mayor Savvas Vergas - Welcoming Address
- Geroskipou Mayor Tasos Kouzoupos – Welcoming Address
- Dr. Pavlos Flourentzos, Director, Department of Antiquities of Cyprus – brief remarks
- Professor Franco Niccolucci, STARC, Cyprus Institute - 'Underwater Archaeology Technologies at The Cyprus Institute: a contribution to the studies on the Eastern Mediterranean Region'

- Dr. Brendan P. Foley, Deep Submergence Laboratory, Department of Applied Ocean Physics and Engineering Woods Hole Oceanographic Institution, MIT – Topic: ‘International Underwater Archaeological Partnerships and Advanced Technology’
- Dr. Stella Demesticha, Archaeological Research Unit, University of Cyprus: ‘Investigations of the Mazotos wreck’

• **Thursday, February 5, 2009**

10:30 Seminar on High Performance Computing (HPC)

Venue: Cyprus Institute

- Moderator: Prof. Dina Alexandrou, Computational-based Science and Technology Research Center, the Cyprus Institute
- Jim Caruso, Econ/Commercial Section Chief, U.S. Embassy Nicosia, or Anita Eisenstadt, Senior Foreign Affairs Officer, Office of Science & Technology Cooperation, U.S. State Department – opening remarks / brief explanation of S&T agreement
- Prof. Thom Dunning, Director of the [Institute for Advanced Computing Applications and Technologies](#), National Center for Supercomputing Applications, Distinguished Chair for Research Excellence in Chemistry, University of Illinois at Urbana-Champaign:
Title: “Blue Waters: An Extraordinary Computing Resource for Extraordinary Science.”
- Eleni Pratsini, Manager Mathematical & Computational Sciences, IBM Zurich Research Laboratory
- **Signing of a Collaboration Agreement between The Cyprus Institute, the University of Illinois and IBM**

15:00 Signing of the Science & Technology Agreement at the Ministry of Finance by U.S. Ambassador Frank C. Urbancic and Cyprus Minister of Finance Charilaos Stavarakis

Venue: ground floor hall of the Ministry of Finance

BY INVITATION ONLY

20:00 Cyprus – American Business Association (CyABA) dinner

Venue: Hilton Hotel

Speakers

- Anita Eisenstadt, Senior Foreign Affairs Officer, Office of Science and Technology Cooperation, U.S. State Department. ‘S&T Agreements- What Are They and What Do They Do’
- Main Speaker: Professor Linda Katehi, Provost and Vice Chancellor for Academic Affairs University of Illinois at Urbana Champaign: ‘Universities as drivers of Economic Development: A New Paradigm’

NOTE: If you wish to attend the CyABA dinner, please contact Mr. Andreas Papadouris at the Cyprus Chamber of Commerce (tel.: 22-889747, email: papadouris@ccci.org.cy). The fee for participation is €50 per person.

- **Friday, February 6, 2009**

10:00 Presentation/seminar on **“Implementing academia-business cooperation in the fields of science and technology”**

Venue: Cyprus Chamber of Commerce & Industry facilities – 7th floor

- Moderator: Richard Johnson, Senior Counsel, Arnold & Porter
Title: “The Triple Helix and Innovation: Driving Science and Growth through New University-Industry-Government Relationships”
- Dr. Kos Galatsis, Executive Director, PhD MBA Nanoelectronics WIN and FENA Centers UCLA, Los Angeles –
Title: “A *win-win* situation in science and technology”
- Linda Katehi, Provost and Vice Chancellor for Academic Affairs
University of Illinois at Urbana Champaign
- Eleni Pratsini, Manager Mathematical & Computational Sciences, IBM
Zurich Research Laboratory

18:30 **Cyprus Institute Hubert Curien Memorial Lecture**

Venue: Bank of Cyprus Headquarters Hall – near Hilton hotel

Opening Address: Prof. Andreas Demetriou
Minister of Education and Culture

Guest Speaker:

Prof. Apostolos Georgopoulos, Regents Professor, McKnight Presidential Chair in Cognitive Neuroscience, American Legion Brain Sciences Chair, Professor of Neuroscience, Neurology, and Psychiatry, University of Minnesota, Medical School, Director, Brain Sciences Center, Director, Center for Cognitive Sciences
Title: “Brain Mechanisms of Cognitive Processes: Achievements, Prospects and Challenges”

To participate in any of the events, please contact our Economic/Commercial Section:

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